

Compact Guide:

The New, Additional MOBOTIX MOVE Camera Program

Outstanding Unique Selling Points





Welcome to Liverpool Street Station

Platform	Destination	Arrival	Departure
1	London Liverpool Street	10:15	10:30
2	London Liverpool Street	10:20	10:35
3	London Liverpool Street	10:25	10:40
4	London Liverpool Street	10:30	10:45
5	London Liverpool Street	10:35	10:50
6	London Liverpool Street	10:40	10:55
7	London Liverpool Street	10:45	11:00
8	London Liverpool Street	10:50	11:05
9	London Liverpool Street	10:55	11:10
10	London Liverpool Street	11:00	11:15

- ↑ Underground 4
- ↑ Overground Platforms 1 to 6
- ↑ Buses Bus station
- ← Stansted Express tickets
- Tickets →
- ↑ Travel and tourist centre
- ↑ Lift Way out, Underground and the station 4 & 6
- ↑ Way out
- By platform 10: Taxis
- By platform 10: Cycle racks
- Last property by platform 10: Left Luggage

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The New MOBOTIX MOVE Camera Range Has Arrived!

Our MOBOTIX camera portfolio is broader than ever in terms of technology – these products will have you perfectly equipped for virtually any video project and enable you to meet virtually any requirement!

MOBOTIX has added the new MOBOTIX MOVE series to their current Mx6 camera range. There are four camera models: 2x PTZ SpeedDome, 1x bullet camera, 1x VandalDome. These thoroughly weather-proof, high-quality IP cameras are equipped with the latest standard functions of centralized video systems, such as integrated infrared lighting, automatic day/night switching with a mechanical IR blocking filter, Wide Dynamic Range and High Speed PTZ.

MOBOTIX MOVE is the perfect supplementary range along with our decentralized premium video systems for the newest Mx6 technology platform.

Enjoy the largest variety of technical possibilities of all time with MOBOTIX. Please note: MOBOTIX MOVE cameras are centralized video systems in ONVIF S/G format with H.264 and typically require additional centralized data storage (NAS) and a video management system that supports the ONVIF standard.

The most Important FAQs About MOBOTIX MOVE

Why Are The New Cameras Called “MOBOTIX MOVE” And Not Just “MOBOTIX” As Usual?

MOBOTIX MOVE

MOBOTIX are pioneers in decentralized video systems in which a camera isn't just a camera, but rather an intelligent, complete video solution. A decentralized MOBOTIX video system doesn't require a centralized recording device or the additional computing power of a workstation with centralized video management software (VMS). A MOBOTIX video system is simply connected to a network via Ethernet cable, supplied with power via PoE and then fully ready for use without an additional VMS (meaning without license fees, either)! Once it has been configured, the recording, video analysis with heat maps, people counting or behavioral detection, or the noise, light, motion and activity sensor of each individual camera will be perfectly controlled: in an automatic, event-controlled, intelligent and efficient way!

After roughly 20 years of consistent technological advancement, we have elevated decentralized video technology **to a new level of perfection**, which is reflected in each Mx6 video system, that serves as intelligent IoT device. The decentralized MOBOTIX Mx6 video systems are the ideal choice for virtually every project that requires maximum video security, a long lifespan, functionality and data security!

Another special feature of MOBOTIX systems is their complete lack of mechanically moving parts. This, combined with their above-average lifespan, reliability and investment security, as well as virtually maintenance-free operation, has made MOBOTIX systems, which are developed and produced in Germany, legendary around the world.

However, conventional standard camera technologies, which are available on the market at all price and quality levels, have also been advancing further, and now offer functions that may correspond to binding requirements for certain projects. These requirements might be a motor-controlled PTZ solution, mechanical day/night switching with an IR blocking filter or compatibility with centralized video management systems in keeping with the **ONVIF S and G standard**.

Since MOBOTIX still **does not wish to incorporate mechanically moving parts into their decentralized video systems** for the reasons outlined above, certain MOBOTIX video systems also had to be supplemented with (for instance) PTZ cameras from other manufacturers in order to be able to fulfill customer requirements.

For these numerous reasons, and in order to be able to offer our customers **everything from a single source**, we decided to include our own **MOBOTIX MOVE camera supplementary range** in the MOBOTIX product range. This contains the standard technologies that are most highly requested (according to the latest market analyses), thereby allowing customers to fulfill all product requirements with a high-quality MOBOTIX product solution in the future.

MOBOTIX = Without moving parts

MOBOTIX MOVE = With moving parts

Since, however, MOBOTIX MOVE cameras differ from decentralized MOBOTIX video systems technology on many counts, we are now offering these supplementary cameras under the new name MOBOTIX MOVE as an independent product line. In this context, “MOVE” stands for the use of mechanically moving parts in these cameras, as well as a nod to the fact that MOBOTIX have, in this case, parted with their previously strictly limited product policy of only offering decentralized video systems on the market. Or simply put, MOBOTIX MOVE opens up new possibilities!

What Are The Ideal Applications For MOBOTIX MOVE Cameras?

MOBOTIX MOVE cameras can be used in all projects subject to strict specifications regarding the camera technologies to be used and which (still) can't be combined with decentralized MOBOTIX complete video solutions; for example, VMS integration in keeping with the ONVIF standard is possible with MOBOTIX Mx6 cameras, but it isn't currently

possible in keeping with the ONVIF G standard. MOBOTIX MOVE is also a high-quality product solution that represents a timely supplement to a MOBOTIX system with a powerful, motor-controlled PTZ camera or a dome or bullet camera with WDR and integrated IR illumination.

What Is The Particular Advantage Of A MOBOTIX MOVE Camera As Compared (At First Glance) With A Comparable Standard Camera From Another Provider?

Many of our end customers would like to be able to procure all of their video technology from a single source, meaning directly from MOBOTIX. They can enjoy complete, seamless system installation from our MOBOTIX video experts all around the world, and have access to our professional MOBOTIX support

team. As a manufacturer known for particularly high-quality and reliable products, we can naturally vouch for the quality of MOBOTIX MOVE cameras, which are manufactured in keeping with the same high standards and production standards as all other MOBOTIX products are.

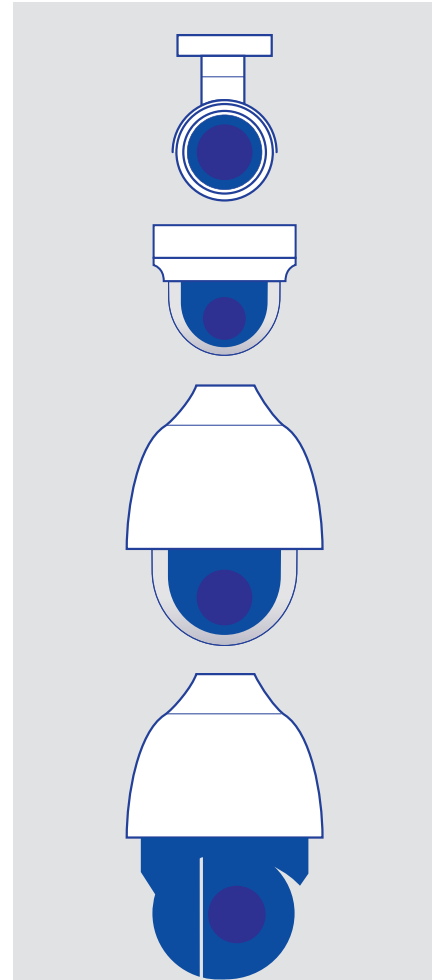
What Are The Key Functions Of MOBOTIX MOVE Cameras?

- Autofocus
- Wide Dynamic Range (WDR)
- Integrated smart event functions: external output, motion detection, network error detection, periodic event, manual trigger
- Motor zoom/focus that can be controlled via software/IRIS control with autofocus lens
- High-speed PTZ (for both SpeedDome cameras)
- Brightness-dependent color and BW image switching with automatic infrared blocking filter
- Integrated IR illumination (economical LED technology), not for SpeedDome SD-330

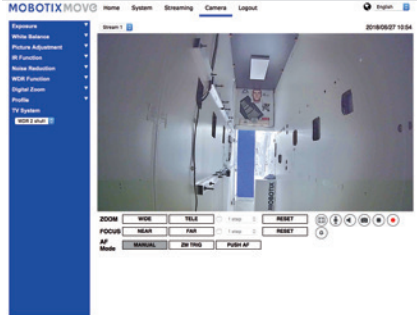
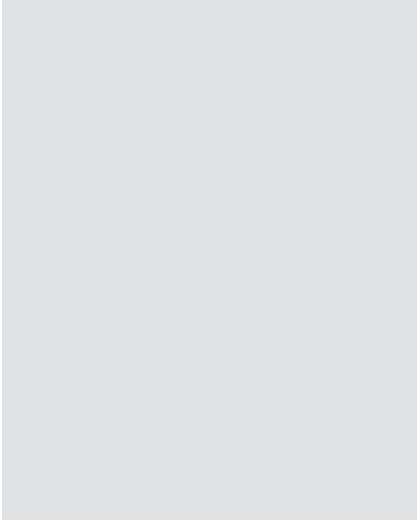
What Advantages Does WDR (Wide Dynamic Range) Provide?

The MOBOTIX MOVE cameras feature integrated, high-quality WDR image processing technology. This allows the cameras to automatically compensate for particularly strong

differences in brightness in the recorded scene independently through differing exposure times, and thereby avoid generating over- or underexposed areas in images.

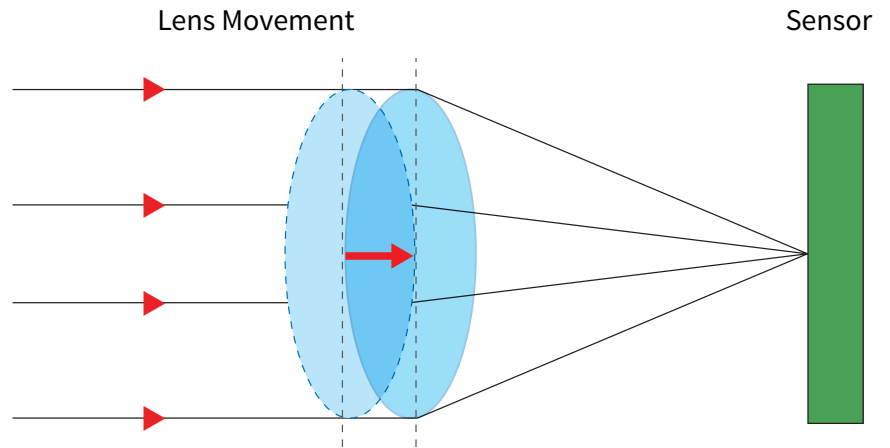


Original MOBOTIX MOVE camera image with activated WDR function: Details are easily recognizable within the dark testing room as well as at the open door with bright light entering through it. The camera automatically combines two differently lit individual images taken within a minimal time difference, thereby forming a live complete image.



Wide Dynamic Range shows more frame details for applications with highly demanding light conditions (that combine very light and dark areas), such as in the entryways

of buildings, in store display windows and at loading bays or drive-in entrances to parking lots.



Why Is Image Focusing Provided Via Autofocus?

For MOBOTIX MOVE cameras, it is not possible to manually focus lenses (which is usually only required once) in the MOBOTIX factory or on-site following a lens switch due to these cameras' motor-controlled, not purely digital (PT)Z functions. For this rea-

son, these cameras use a unique algorithm for a quick, reliable autofocus function. The camera focuses independently, automatically or at the push of a button, which means it quickly adjusts to each change in position and/or zoom level.

What Are The Special Features Of The Two MOBOTIX MOVE SpeedDome Cameras?

The MOBOTIX SD-330 and SD-340-IR SpeedDome cameras feature fine mechanical, very quickly reacting swivel and tilt technology, with an up to 40x optical zoom function that allows even far-off objects to be recorded, servo feedback technology and an electronic image stabilizer (EIS). The servo feedback technology ensures that the PTZ camera immediately returns to the default target monitoring area if external forces (such as vandalism or environmental vibrations) suddenly exert an influence. The EIS tech-

nology can effectively generate stable images by actively recording the targeted motion of the images and compensating for this accordingly; this is particularly helpful when a high zoom level is set and the camera is installed in a place at which the environmental movements (such as from strong wind or trucks driving past) are not always constant.

MOBOTIX MOVE SpeedDome Cameras: More PTZ Features

Pre-Sets	The SpeedDome cameras support up to 256 Pre-Set positions. The positions including zoom and focus settings can be assigned via the web interface.
Sequences	Up to 8 sequences can be defined. Each can include up to 64 pre-set positions including configuration of the duration stay in each position.
Cruise Path	Up to 8 cruise paths can be defined. The cruise path can be recorded and stored via the web interface. To stop the cameras cruise, simply move the camera via the PTZ control.
Auto Pan	Up to 4 auto pan paths can be defined. Speed, direction (left/right) and starting point can be defined via the web interface.
Home	A home view can be defined by the operator. If the camera idles for a defined amount of time (1 - 128 minutes), it will automatically perform the defined action (e.g., move to a pre-set point or perform Auto Pan).
Display Position	Pan/Tilt degrees can be displayed in the live image (configured via text overlay settings).
Tilt Angle	Adjustable between -20° and +100°
Pan Angle	360° endless pan
Pan Speed	Manual Pan Speed: 0.1° - 90°/s; Preset Pan Speed: 9° - 280°/s
Tilt Speed	Manual Tilt Speed: 0.1° - 60°/s; Preset Tilt Speed: 7° - 300°/s
Joystick Control	The cameras support RS-485 protocols DSCP, PelcoD and PelcoP and therefore can be controlled by any joystick or keyboard supporting the same protocols.

Will The MOBOTIX MOVE Cameras Also Be Produced In The MOBOTIX Factory In Germany?

We specify, test and qualify all MOBOTIX MOVE products at the MOBOTIX headquarters in Germany. However, the production itself is carried out by our technology partner in Taiwan, commissioned by us and working under strict specifications. The

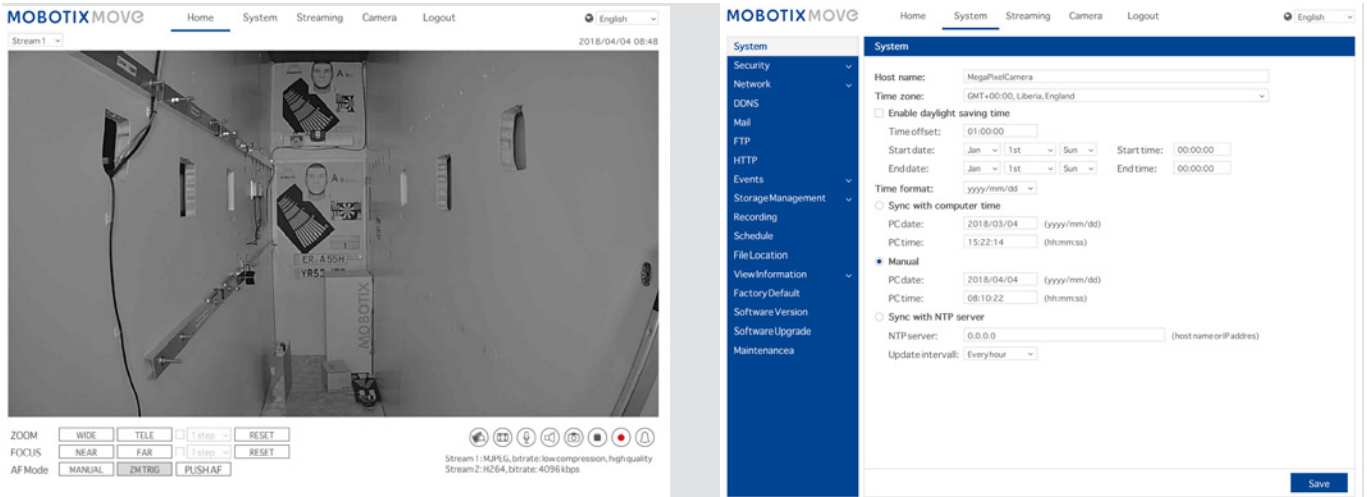
decisive criteria for selecting this partner were above-average product quality and functionality as well as the fact that it guarantees our end customers an above-average level of cybersecurity for MOBOTIX MOVE products. However, please note that special

features of our Mx6 series that further increase data security (such as the MxFFS storage system with buffered archive or the MxPEG+ security video codec) are, depending on the system, not available for MOBOTIX MOVE cameras.

Do The MOBOTIX MOVE Cameras Use The Same Software As The Mx6 Video Systems?

No, MOBOTIX MOVE cameras have their own, very easy to learn and use firmware that is delivered together with the camera and which can be easily operated via Web browser. Additionally, MOBOTIX MOVE cameras can also be integrated into many video management systems (VMS) by third-party providers (such as Milestone Systems), thanks to the ONVIF standards S and G.

A powerful VM hybrid solution, which is unique in that it has a modular structure, will also soon be available from MOBOTIX: The future MxManagementCenter 2.0 (release in Q4/2018) will make it possible to make optimal combined use of MOBOTIX MOVE cameras as well as MOBOTIX video systems (Mx6 and older) in parallel in one and the same video management system.



MOBOTIX MOVE camera firmware: Sample images

What Are The System Requirements For Using MOBOTIX MOVE Camera Software In A Browser?

In order to be able to start the camera by entering the IP address through a Web browser (with the MOBOTIX default access data: admin / meinsm), please ensure that the PC has a good network connection and fulfills the following system requirements:

Components	System requirements
PC	Minimum: Intel® Core™ i5-2430M @ 2.4 GHz or higher and 4 GB RAM Recommended: Intel® Core™ i7-870 @ 2.493GHz or higher and 8 GB RAM
Operating System	Up to 8 sequences can be defined. Each can include up to 64 pre-set positions including configuration of the duration stay in each position.
Operating System	Windows VISTA / Windows XP / Windows 7 / Windows 10
Web browser	Microsoft Internet Explorer 11.0 or higher (recommended), Chrome, Firefox, Safari
Network card	10Base-T (10 Mbps), 100Base-TX (100 Mbps) or 1000Base-T (1000 Mbps)
Viewer	ActiveX control plug-in for Microsoft Internet Explorer

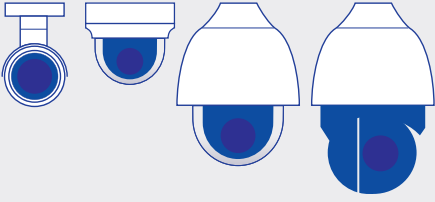
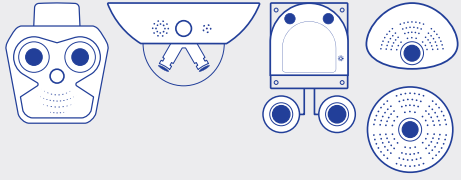
What Operating Manuals Are Available For MOBOTIX MOVE Cameras?

Each camera comes with a Quick Install manual (instead of the usual MOBOTIX guide included in the packaging. Technical online operating help) are also available for datasheets and a camera and software download in PDF format from our website (www.mobotix.com > Support > Download Center > Documentation > User Manuals > MOBOTIX MOVE Cameras).




What Accessories Are Available For The MOBOTIX MOVE Cameras?

For the launch, suitable wall, ceiling or corner mounts can be purchased for the MOBOTIX MOVE cameras. Replacement domes (clear or tinted) are also available. The MOBOTIX NPA PoE Set can be used for the PoE power supply for a MOBOTIX MOVE camera (only for the Bullet and VandalDome camera), or the MOBOTIX MxSwitch (not for SpeedDome IR). Additionally required standard accessories for installing MOBOTIX MOVE cameras, such as storage cards, power supply parts (if the power supply is not being set up via PoE), network cables and so on cannot be acquired from MOBOTIX directly.






What Are The Key Differences Between MOBOTIX MOVE Cameras And MOBOTIX Mx6 Video Systems?

		
	MOBOTIX MOVE	MOBOTIX Mx6
Sensor resolution	4MP/3MP	6 MP
Day/night sensors	Automatic switching from color to BW night image (mechanical IR blocking filter)	Equipped with separate day and night sensors (dual lens camera); the color day sensor is also suitable for dimly lit scenarios (such as moonlight), thanks to Moonlight technology
Lens	Motorized Vario lens with autofocus, horizontal image angle of 1° to 103° (depending on model)	HD premium lens with fixed focus lengths, horizontal image angle of 8° to 180° (depending on model)
H264/MJPEG	Yes	Yes
MxPEG+	No	Yes
Streaming	Up to three H.264/MJPEG streams simultaneously	Multiple MxPEG/MJPEG streams, one H.264 stream
WDR	Yes (120 dB)	No
MxBus connection	No	Yes (entire Mx6B series)
MiniUSB connector	No	Yes
Alarm In/Out	Yes	Via accessories (Interface Boxes)
MxMessageSystem	No	Yes
Basic Video Motion	Yes	Yes
Intelligent Video Analytics	No	MxAnalytics (depending on model): Heat map, people counting, behavior analysis
Intelligent Video Motion	No	Yes
SD card	SD card slot, no card	4GB card pre-installed
Failover Storage System	No	Yes (via MxFFS)
ONVIF	Profiles S, G	Profile S
Genetec Protocol (embedded)	No (Integration only via ONVIF)	Yes
MxThinClient integration	No	Yes
MxMC VMS integration	Yes, via ONVIF Swith MxMC 2.0 (starting in Q4/2018)	Yes, incl. Basic Config for MxMC 1.8 and later
MxBell App integration	No	Yes
MTBF	40,000 hours	80,000 hours
Standard warranty	Two years	Three years
Warranty extension	No	Optional for up to eight years

MOBOTIX MOVE Bullet Camera: Ordering Information



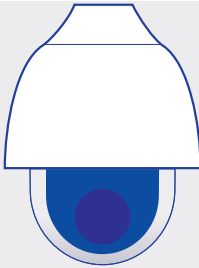
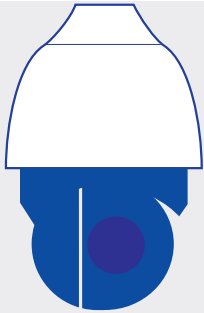
	Order number	EAN	Description
	Mx-BC1A-4-IR	4047438031622	MOBOTIX MOVE Bullet Network Camera BC-4-IR • Image sensor: 4MP (2688x1520), 1/3" Progressive CMOS • Weatherproof ONVIF S / G bullet camera with built-in IR LEDs (up to 30m) for use with Day and night • Automatic changeover from color to B / W image (mechanical IR cut filter) • Remote Zoom • Motor-controlled Varifocal lens (F1.7: 3 to 9 mm, viewing angle HxV: 103 ° -35 ° x 53 ° -23 °) with "One Push" autofocus and P-Iris with automatic adaptation to changing light situations • IP66, IK10 • Ambient temperature -30 to 65 ° C, humidity 10 to 90% • Video codecs: H.264, MJPEG (up to 3 streams simultaneously) • Wide Dynamic Range (120 dB) • Max. Frame rate: 4MP @ 30B / s (H.264, with and without WDR enabled); MJPEG: 1080p @ 30 B / s • Power supply: PoE IEEE 802.3af or DC 12V (2.12 A) or AC 24V; max 13.68 W • Warranty: 2 years (see image)
	Mx-M-BC-W	4047438031660	Wall mount (see image)
	Mx-M-BC-P	4047438031677	Pole mount (see image)

MOBOTIX MOVE VandalDome Camera: Ordering Information

Order number	EAN	Description
	Mx-VD1A-4-IR 4047438031639	MOBOTIX MOVE VandalDome Network Camera VD-4-IR • Weatherproof ONVIF S / G dome camera with integrated IR LEDs (up to 30 m) for day and night operation • Image sensor: 4MP (2688 x 1520), 1/3" Progressive CMOS • Automatic changeover from color to B / W image (mechanical IR cut filter) • Remote Zoom • Motor-controlled Varifocal lens (F1.7: 3 to 9 mm, viewing angle HxV: 103 ° -35 ° x 53 ° -23 °) with "One Push" autofocus and P-Iris with automatic adaptation to changing light situations • IP66, IK10 • Ambient temperature -30 to 65 ° C, humidity 10 to 90% • Video codecs: H.264, MJPEG (up to 3 streams simultaneously) • Wide Dynamic Range (120 dB) • Max. Frame rate: 4MP @ 30B / s (H.264, with and without WDR enabled); MJPEG: 1080p @ 30 B / s • Power supply: PoE IEEE 802.3af or DC 12V (2.12 A) or AC 24V; max 13.68 W • Warranty: 2 years (see image)
	Mx-M-VD-IC 4047438031684	In-ceiling set (see image)
	Mx-M-VD-W 4047438031691	Wall mount (see image)
	Mx-M-VD-P 4047438031707	Pole mount (see image)
	Mx-M-VD-C 4047438031738	Corner mount (see image)
Mx-A-VD-DCT	4047438031721	Standard replacement dome (not pictured)
Mx-A-VD-DCS	4047438031714	Tinted replacement dome for particularly bright environments (not pictured)

MOBOTIX MOVE SpeedDome Cameras: Ordering Information

Order number	EAN	Description	
	Mx-SD1A-330	4047438031646	<p>MOBOTIX MOVE SpeedDome Network Camera SD-330 • Weatherproof motor-driven ONVIF S / G Dome PTZ camera • Up to 30x optical zoom • Image sensor: 3MP (2065 x 1533), 1/2.8" Progressive CMOS • Automatic changeover from color to B / W image (mechanical IR cut filter) • Automatic switching from color to B / W image (mechanical IR cut filter) • Motor-controlled Varifocal lens (F1.6: 4.3 to 129 mm, viewing angle HxV: 62 ° - 2 ° x 47 ° - 2 °) with "One Push" autofocus and P-Iris with automatic adaptation to changing light situations • IP66, IK10 • Ambient temperature -40 to 50 ° C, humidity 10 to 90% • Video codecs: H.264, MJPEG (up to 3 streams simultaneously) • Wide Dynamic Range (120 dB) • Max. Frame rate: 3MP @ 30 B / s (H.264, with and without WDR enabled); MJPEG: 1080p @ 30 B / s • Power supply: PoE IEEE 802.3at or DC 12V (2.12 A) or AC 24V; max 25.4 W • Warranty: 2 years(see image)</p>
	Mx-SD1A-340-IR	4047438031653	<p>MOBOTIX MOVE SpeedDome Network Camera SD-340-IR • Weatherproof, motorized ONVIF S / G dome PTZ camera with built-in IR LEDs (up to 200m) for day and night use • Up to 40x optical zoom • Image sensor: 3MP (2065 x 1533), 1/2.8" Progressive CMOS • Automatic changeover from color to B / W image (mechanical IR cut filter) • Motor-controlled Varifocal lens (F1.6: 4.3 to 170 mm, viewing angle HxV: 62 ° - 2 ° x 49 ° - 1 °) with "One Push" autofocus and P-iris with automatic adaptation to changing light situations • IP66, IK10 • Ambient temperature -40 to 50 ° C, Humidity 10 to 90% • Video codecs: H.264, MJPEG (up to 3 streams simultaneously) • Wide Dynamic Range (120 dB) • Max. Frame rate: 3MP @ 30B / s (H.264 , with and without WDR enabled); MJPEG: 1080p @ 30 B / s • Power supply: UPoE (Universal PoE) or DC 12V (3.25 A) or AC 24V; max 39 W • Warranty: 2 years (see image)</p>
	Mx-M-SD-W	4047438031745	<p>Wall mount for both SpeedDomes and additional mount</p>
	Mx-M-SD-P	4047438031752	<p>Pole mount, only in combination with wall mount</p>
	Mx-M-SD-C	4047438031769	<p>Corner mount, only in combination with wall mount</p>
Mx-A-SD-DCS	4047438031776	Tinted dome for SD-330, for particularly bright environments (not pictured)	
Mx-A-SD-DCT	4047438031783	Standard dome for SD-330 (not pictured)	

MOBOTIX MOVE Cameras – The Key Technical Data In Comparison				
				
Type	VandalDome with IR LED	BulletCamera with IR LED	SpeedDome	SpeedDome with IR LED
Camera name	MOBOTIX MOVE VD-4-IR	MOBOTIX MOVE BC-4-IR	MOBOTIX MOVE SD-330	MOBOTIX MOVE SD-340-IR
Order number	Mx-VD1A-4-IR	Mx-BC1A-4-IR	Mx-SD1A-330	Mx-SD1A-340-IR
Special features	Weatherproof ONVIF S/G dome camera with integrated IR LEDs (up to 30 m) for use during day or night	Weatherproof ONVIF S/G bullet camera with integrated IR LEDs (up to 30 m) for use during day or night	Weatherproof, motorized ONVIF S/G dome PTZ camera	Weatherproof, motorized ONVIF S/G dome PTZ camera with integrated IR LEDs (up to 200 m) for use during day or night
Optional accessories (order no.)	Wall mount (Mx-M-VD-W), pole mount (Mx-M-VD-P), corner mount (Mx-M-VD-C), in-ceiling set (Mx-M-VD-IC), transparent/tinted dome (Mx-A-VD-DCT/Mx-A-VD-DCS)	Wall mount (Mx-M-BC-W), pole mount (Mx-M-BC-P)	Wall mount (Mx-M-SD-W), pole mount (Mx-M-SD-P), corner mount (Mx-M-SD-C), transparent/tinted dome (Mx-A-SD-DCT/Mx-A-SD-DCS)	Wall mount (Mx-M-SD-W), pole mount (Mx-M-SD-P), corner mount (Mx-M-SD-C)
Image Sensor	4MP (2688 x 1512), 1/3" Progressive CMOS		3MP (2065 x 1533), 1/2.8" Progressive CMOS	
Max. frame rate	4MP/3MP@30 fps (H.264, with or without activated WDR function); MJPEG: 1080p@30 fps			
Day & Night	Automatic day/night switching with mechanical blocking filter			
Minimal ambient lighting	Color: 0.01 lux BW: 0.01 lux		Color: 0.04 lux BW: 0.01 lux	Color: 0.04 lux BW: 0.02 lux
Lens	Motorized Vario lens with "One Push" autofocus and P-iris ("precise" iris with automatic/mechanical adjustment to changing lighting situations)			
Zoom	Remote Zoom		Up to 30x optical zoom	Up to 40x optical zoom
Pan angle	–		360° rotation (non-stop/continuous pan)	
Tilt angle	–		120° (from -20° to +100°)	
Focal Length	F1.7: 3–9 mm		F1.6: 4.3–129 mm	F1.6: 4.3–170 mm
Image angle horizontal	103° (wide) to 35° (telephoto)		62° (wide) to 2° (telephoto)	62° (wide) to 2° (telephoto)
Image angle Vertical	53° (wide) to 23° (telephoto)		47° (wide) to 2° (telephoto)	49° (wide) to 1° (telephoto)
Video codecs	H.264, MJPEG			
ONVIF	Profiles S, G			
Streaming	Up to three H.264/MJPEG streams simultaneously			
WDR	Yes (120 dB)			
Integrated IR illumination	Yes (IR LEDs), max. range: 30 m		No	Yes (IR LEDs), max. range: 200 m

MOBOTIX MOVE Cameras – The Key Technical Data In Comparison

IP/IC class	IP66/IK10 (weatherproof and vandalism-protected)			
Ambient temperature	-30°C to 65°C (-22°F to 149°F)(without heating) Ten to 90 percent humidity		-40°C to 50°C (-40°F to 122°F)(without heating) Ten to 90 percent humidity	
Power supply; power consumption	PoE IEEE 802.3af or DC 12 V (2.12 A), or AC 24 V; max. 13.68 W	PoE IEEE 802.3af or DC 12 V (2.12 A), or AC 24 V; max. 13.68 W	PoE IEEE 802.3at or DC 12 V (2.12 A), or AC 24 V; max. 25.4 W	UPoE (Universal PoE) or DC 12 V (3.25 A), or AC 24 V; max. 39 W
RTC battery	SEIKO MS621-FL11E (integrated, safety data sheet available on demand)			
Storage	Slot for SD card (microSD/microSDHC/microSDX, card not included with delivery); supports recording on NAS			
SD Cards tested by MOBOTIX	The max. capacity tested is 128 GB. There is no official white list available yet, but following cards have been tested successfully by MOBOTIX: Sony: SR-G1VM/128G > microSDXC Class 10 UHS-I U3; Toshiba: ADP-HS02/128G > microSDXC Class 10 UHS-I U3 Kingston: SDC10G2/128G > microSDXC Class 10 UHS-I U1; ADATA: Premier ONE 128G > microSDXC UHS-II U3 Class 10 Samsung: EVO 128G > microSDXC Class10 UHS-1(U1); SanDisk: ExtremePRO 128G > microSDXC UHS-I(V30)(A1)			
Certifications	CE/FCC, LVD			
Weight	760 g	780 g	2900 g	3800 g
Connectors	RJ45, Alarm IN (4x), Alarm OUT (2x), Audio IN, Audio OUT, DC12V and AC24V; additional for SpeedDomes: CVBS and RS-485			
Housing	Metal and plastic			
MTBF	40,000 hours			
Warranty	Two years (no optional warranty extension available)			

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